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PRODUCTION OF PLYWOOD AND ADHESIVE THEREFOR

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JAPIO CLASS: 14.7 (ORGANIC CHEMISTRY -- Coating Material Adhesives); 14.9
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ABSTRACT

PURPOSE: To provide a process for producing a plywood by sticking veneers dried with a direct firing drier to each other with a specified adhesive composition and to provide an adhesive therefor.

CONSTITUTION: This adhesive for plywood production is obtained by mixing a resin adhesive comprising a resol phenolic resin and/or an amino resin with 0.5-10wt.% resorcinol resin, 1-50wt.% aqueous emulsion and 1-30wt.% proteinaceous substance containing at least 10wt.% protein. A plywood is produced by applying this adhesive to veneers dried with a direct firing drier. By using this composition, a plywood improved in surface wettability and water-resistant adhesiveness and having excellent performances can be produced, and the shortening of the drying time in a process for producing a plywood can be accomplished, and the productivity of a plywood can be improved.

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